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SOURCE Vjesnik.

PLAN SYSTEM OF 7 POWER PLANTS
FOR CROATIA, BOSNIA AND HERZEGOVINA

A system of seven hydroelectric power plants, which will produce over 3,500,000,000 kilowatt-hours of power per year, will be built in 1951 in Croatia and Bosnia and Herzegovina. These plants will acquire their water from artificial lakes.

The plant at Suica will utilize 30 million cubic meters of water per year from the Milac and Mrtvice disappearing rivers on Kupresko Polje. From an artificial lake, at a height of 1,150 meters, the water will run through a 500-meter tunnel and a 4.5-kilometer canal to Suica Creek. From there it will flow through a 200-meter pressure pipeline to the plant at Suica, which will have a capacity of 3,500 kilowatts. The plant will be located at a height of 920 meters. In time of drought the artificial lake will be able to irrigate 1,600 hectares of fertile soil on Kupresko Polje.

The plant at Mokronoge, which is at a height of 870 meters, will have a capacity of 1,500 kilowatts. Its pressure pipeline will have a height of 30 meters.

Water from Duvanjsko Polje will flow through a 6-kilometer tunnel to the plant at Vrilo, which will have a capacity of 20,000 kilowatts.

Water from the artificial lake on Glamočko Polje will flow through a 4.5-kilometer tunnel to the plant at Kablic on Livanjsko Polje, which will have a capacity of 12,500 kilowatts.

The water will then flow into an artificial lake, which is at a height of 700 meters and which has a capacity of 700 million cubic meters. The water which will be exploited by the above plants will flow from this artificial lake to the plant at Jabuka, which will have a capacity of 250,000 kilowatts and will produce 1,200,000,000 kilowatt-hours of power per year.

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From the plant at Jabuka the water will flow through a canal to Triblje /sic; probably Trilj?/, where it will connect with the Cetina River. One of two plants will be built on the Cetina River: a plant with a capacity of 22,000 kilowatts at Peruca on Cetingjsko Polje, or a plant with a capacity of 26,000 kilowatts at Obrovac. Experts favor a plant at Peruca, as it would protect the fertile soil at Obrovac.

The existing "Tito" Hydroelectric Power Plant on the Cetina River near Zadvarje has a capacity of 62,000 kilowatts. In the summer this plant operates at one fifth of capacity because of insufficient water. After it acquires an artificial lake, it will operate at a constant capacity.

Engineer Restarevic of the "Hidroeлектроprojekt" Enterprise in Zagreb was the designer of the above hydroelectric power plant system.

Sketch on the following page shows the projected hydroelectric power plants.

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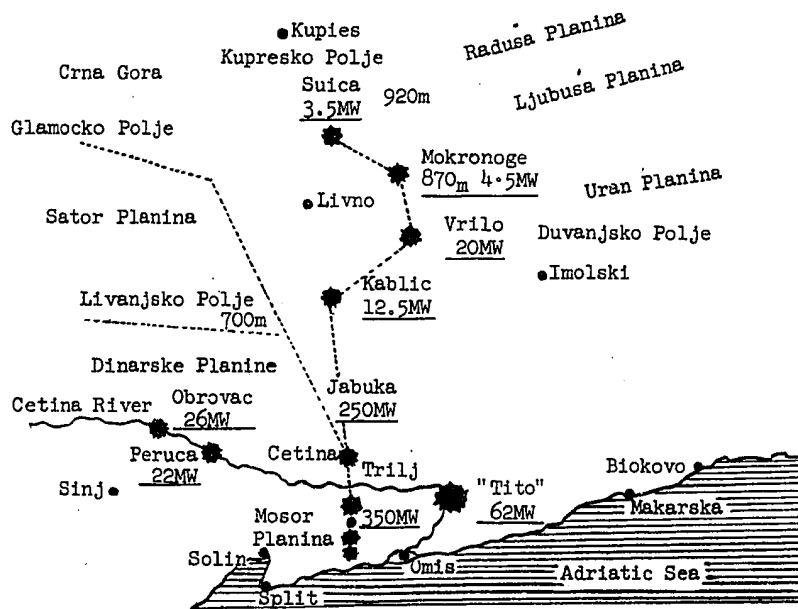
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Legend

- = Hydroelectric power plants
- = Canals, tunnels, and disappearing rivers
- MW = Megawatts
- Planina = Mountain
- Polje = Field



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